

# Project Proposal

**Proposal Title:** Marshall Draw Bullhog

**Proposal Number:** 1337

**DWR Region:** Northeastern Region

**Lead Agency:** DWR

**County:** Grand

**Project Manager:** Miles Hanberg

**PM Phone:** 4357816707

**Regional Priority:** Within Focus Area

**Project Type:** Terrestrial Habitat

**Proposed Start Date:** 7/1/2009

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**Project Location:** Cedar Camp Ridge and Willow Flats in the Book Cliffs Mountains. Grand County, Utah.

**Project Description:** Remove encroaching conifers from 2,115 acres of sagebrush and mountain browse communities important as sage grouse habitat in the Book Cliffs

**Description of Problem/Need:** Conifers are encroaching into sagebrush and mountain browse communities throughout the Book Cliffs area. As conifers increase in density, browse and herbaceous species begin to be displaced. This encroachment ultimately diminishes habitat and forage for wildlife and domestic livestock. The project area is crucial summer habitat for mule deer and elk. Sage grouse are also observed in the project area. The upper Book Cliffs sage grouse population is struggling and this project is intended to preserve and enhance habitat values for sage grouse.

**Objectives:** The objectives of this project are to: 1.) Remove encroachment of Utah juniper, Rocky Mountain juniper, pinyon pine, and Douglas fir from sagebrush and mountain browse communities. 2.) Maintain and enhance sage grouse brood rearing habitat by removing conifer encroachment. 3.) Maintain and enhance crucial summer habitat for mule deer and elk by removing conifer encroachment to protect desirable herbaceous and browse plant communities.

**Relevance to Strategic Plans:** This project relates to the WAP by focusing on key habitats identified including sagebrush steppe and mountain browse communities. The project emphasizes the importance of maintaining habitat values for greater-sage grouse, a tier-II species identified in the WAP. The project will also benefit mule deer, a tier-III species identified in the WAP.

**Potential Risks:** No risks are anticipated with this project.

**Proposed Methods:** Encroaching pinyon pine, Rocky Mountain juniper, Utah juniper, and Douglas fir will be removed from sagebrush and mountain browse communities using the lop and scatter method. Trees will be cut using chainsaws and other hand equipment and left in place. Trees will be lopped and slash will be reduced to a height no greater than 3 feet. A lop and scatter crew will be contracted by UDWR.

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**Shapefile Name:** HPD 2010\GIS Shape Files - Proposals\NER\1337.shp

**Seed Source:**

**UPCD Reg Team Coord Date:**

**Proposed NEPA Action:**

**Proposed Arch Action:**

☒ **Vegetation Monitoring** ☐ **Wildlife Monitoring**

**Monitoring Information:** Repeat photo points will be set up to document pre and post-treatment vegetation.

**Grazing Management:**

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## SPECIES BENEFITING

Greater Sage-grouse

Mule Deer

Elk

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## LAND OWNERSHIP

Owner	Acres
SITLA	2115
<b>Total</b>	<b>2115</b>

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## PROPOSED FUNDING

Source	Amount Requested	Date Approved	Amount Approved
Unfunded Balance	\$63,950.00		\$0.00
<b>Totals</b>	<b>\$63,950.00</b>		<b>\$0.00</b>

## PROPOSED BUDGET

Item	Description	DWR Account	Partner Contrib.
Contractual Services	Lop and Scatter Contract @ \$30/acre	\$63,450.00	\$0.00
Motor Pool	Vehicle Mileage	\$500.00	\$0.00
<b>Totals</b>		<b>\$63,950.00</b>	<b>\$0.00</b>

**Project Map:**

**#1337 Cedar Camp Lop and Scatter Project  
2,115 Acres**

